

```
import java.util.Scanner;
```

```
class Book {
```

```
    private String name;
```

```
    private String author;
```

```
    private double price;
```

```
    private int numPages;
```

```
    // Constructor
```

```
    public Book(String name, String author, double price, int numPages) {
```

```
        this.name = name;
```

```
        this.author = author;
```

```
        this.price = price;
```

```
        this.numPages = numPages;
```

```
    }
```

```
    // Setters
```

```
    public void setName(String name) {
```

```
        this.name = name;
```

```
    }
```

```
    public void setAuthor(String author) {
```

```
        this.author = author;
```

```
    }
```

```
    public void setPrice(double price) {
```

```
        this.price = price;
```

```
    }
```

```
    public void setNumPages(int numPages) {
```

```
        this.numPages = numPages;
```

```
}
```

```
// Getters
```

```
public String getName() {  
    return name;  
}
```

```
public String getAuthor() {  
    return author;  
}
```

```
public double getPrice() {  
    return price;  
}
```

```
public int getNumPages() {  
    return numPages;  
}
```

```
// toString method
```

```
@Override
```

```
public String toString() {  
    return "Book Name: " + name + ", Author: " + author + ", Price: " + price + ", Number of Pages: "  
+ numPages;  
}  
}
```

```
public class BookMain {  
    public static void main(String[] args) {  
        Scanner scanner = new Scanner(System.in);  
        System.out.print("Enter the number of books: ");
```

```
int n = scanner.nextInt();  
scanner.nextLine(); // Consume the newline
```

```
Book[] books = new Book[n];
```

```
for (int i = 0; i < n; i++) {  
    System.out.println("Enter details for book " + (i + 1) + ":");  
    System.out.print("Name: ");  
    String name = scanner.nextLine();  
    System.out.print("Author: ");  
    String author = scanner.nextLine();  
    System.out.print("Price: ");  
    double price = scanner.nextDouble();  
    System.out.print("Number of Pages: ");  
    int numPages = scanner.nextInt();  
    scanner.nextLine(); // Consume the newline  
  
    books[i] = new Book(name, author, price, numPages);  
}
```

```
import java.util.Scanner;
```

```
class Book {  
    private String name;  
    private String author;  
    private double price;  
    private int numPages;  
  
    // Constructor  
    public Book(String name, String author, double price, int numPages) {  
        this.name = name;
```

```
    this.author = author;

    this.price = price;

    this.numPages = numPages;
}
```

```
// Setters
```

```
public void setName(String name) {
    this.name = name;
}
```

```
public void setAuthor(String author) {
    this.author = author;
}
```

```
public void setPrice(double price) {
    this.price = price;
}
```

```
public void setNumPages(int numPages) {
    this.numPages = numPages;
}
```

```
// Getters
```

```
public String getName() {
    return name;
}
```

```
public String getAuthor() {
    return author;
}
```

```
public double getPrice() {  
    return price;  
}
```

```
public int getNumPages() {  
    return numPages;  
}
```

```
// toString method
```

```
@Override
```

```
public String toString() {  
    return "Book Name: " + name + ", Author: " + author + ", Price: " + price + ", Number of Pages: "  
+ numPages;  
}  
}
```

```
public class BookMain {  
    public static void main(String[] args) {  
        Scanner scanner = new Scanner(System.in);  
        System.out.print("Enter the number of books: ");  
        int n = scanner.nextInt();  
        scanner.nextLine(); // Consume the newline  
  
        Book[] books = new Book[n];  
  
        for (int i = 0; i < n; i++) {  
            System.out.println("Enter details for book " + (i + 1) + ":");  
            System.out.print("Name: ");  
            String name = scanner.nextLine();  
            System.out.print("Author: ");  
            String author = scanner.nextLine();
```

```
        System.out.print("Price: ");

        double price = scanner.nextDouble();

        System.out.print("Number of Pages: ");

        int numPages = scanner.nextInt();

        scanner.nextLine(); // Consume the newline


        books[i] = new Book(name, author, price, numPages);
    }


    System.out.println("\nBook Details:");
    for (Book book : books) {
        System.out.println(book);
        System.out.println("Abhinav.c 1bm23cs008");

    }


    scanner.close();
}

}

scanner.close();
}
}
```

Enter the number of books: 3

Enter details for book 1:

Name: a

Author: s

Price: 1

Number of Pages: 1

Enter details for book 2:

Name: b

Author: d

Price:

2

Number of Pages: 1

Enter details for book 3:

Name: d

Author: d

Price: 3

Number of Pages: 3

abhinav.c 1bm3cs08

You entered the following books:

Book Name: a, Author: s, Price: 1.0, Number of Pages: 1

Book Name: b, Author: d, Price: 2.0, Number of Pages: 1

Book Name: d, Author: d, Price: 3.0, Number of Pages: 3